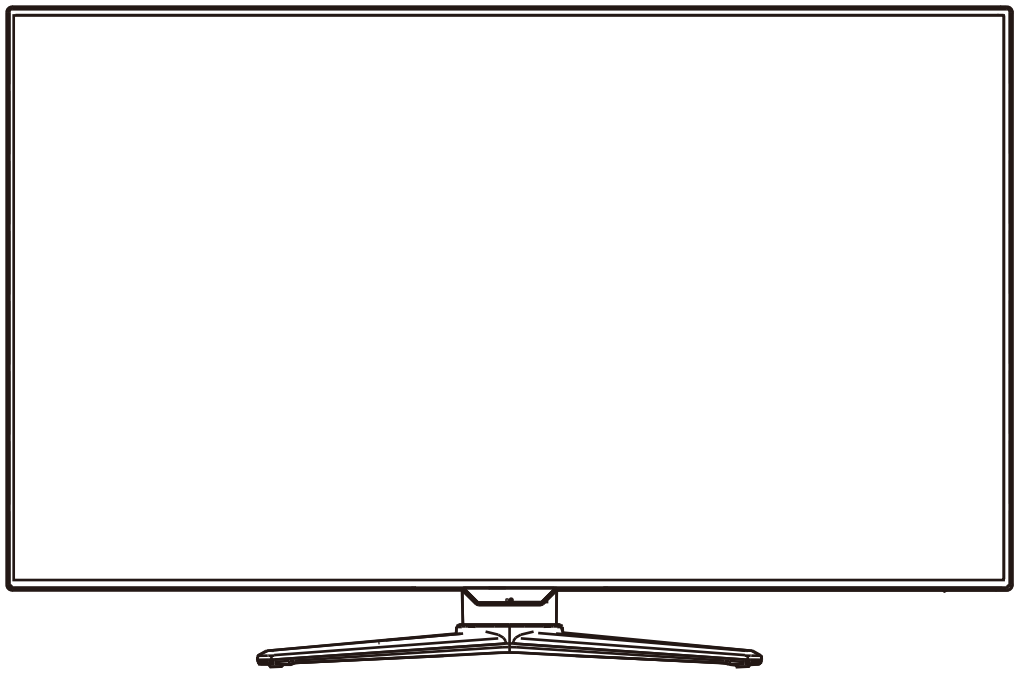
TEAC

LE5851FH3D
LED TV



USER MANUAL

IMPORTANT !

WARRANTY INFORMATION INSIDE. PLEASE READ

Trademark of TEAC Corporation JAPAN

TEAC WARRANTY PROCEDURE

v1.5.2: DEC 2011

Please read the owner's manual carefully and ensure that you have followed the correct installation and operating procedures.

1. Please read this warranty card.
2. Keep your purchase receipt to enable you to proceed quickly in the event of a Warranty Service.
3. If you require Warranty Service, please contact the TEAC Customer Support Hotline at 1300 553 315 for assistance. Please ensure that you have the model number, serial number and purchase receipt ready when you call.

Please complete the section below and keep this information for your own records.

Owner's Name

Owner's Address

Postcode

Model Name/No. Serial No.

Dealer's Name

Dealer's Address

Postcode

Authorised Service Centres in Major Australian Cities

NSW
151 Arthur Street
Homebush West, NSW 2140

Queensland
Unit 1, 320 Curtin Ave West
Eagle Farm, QLD 4009

Western Australia
Unit 2, 50 Pilbara Street
Welshpool, WA 6106

South Australia
11 McInnes Street
Ridleyton, SA 5008

Victoria
282 Normanby Road
South Melbourne, VIC 3205

Thank you for selecting a TEAC product.

If you should require assistance with your product regarding its setup or operation, or if any difficulties arise, please call us directly for advice between Monday to Friday at 8:30AM – 6PM AEST at the

TEAC Customer Support Hotline

1300 553 315

support@teac.com.au

www.teac.com.au

TEAC WARRANTY INFORMATION

v1.5.2: DEC 2011

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty Terms & Conditions

1. TEAC warrants that this product is free from defects in material and workmanship under normal domestic use with reasonable care and skill. Maintenance and cleaning (i.e. laser head) is not covered by this warranty. The TEAC warranty only applies to TEAC products purchased, used and serviced in Australia.

2. The benefits to the consumer given by this Warranty are in addition to other rights and remedies of the consumer under a law in relation to goods or services to which the warranty relates, being the Australian Consumer Law.

3. Refund or replacement via your retailer is available for a period of 14 days after purchase for goods that have been inspected and determined to have a major failure. Refund and exchange is not applicable for change of mind.

4. Subject to the terms herein, this warranty effectively covers the equipment as specified in the Warranty Periods Table below from the date of purchase.

TEAC PRODUCT	WARRANTY PERIOD
LED/LCD TV 32" (80 cm) and above	1 Year (In-Home Service/ Pick up Available)*
All other TEAC products	1 Year (Carry-in Service)

5. In Home Service/Pick up* Service

   This service will only be provided as part of this warranty if all the following conditions are met;
   a) The product is indicated in the Warranty Period Table.
   b) The product is within the warranty period.
   c) The product is located within the normal service area of the local TEAC Authorised Service Centre.

   If TEAC determines that the product is not repairable on site, TEAC can complete the repair by taking the product to a TEAC Authorised Service Centre.

   Carry-in Service

   Where In-Home service/Pick up* is not available, the purchaser is required to send the product to the nearest TEAC Authorised Service Centre for repair. In this event, proof of purchase is required to support a warranty claim. After the repair, the product will be available for collection by or return to the purchaser at a fee upon request. TEAC in-home service can be made available at a fee upon request.

6. A 12-month replacement warranty is applicable to all Accessories such as Remote, Power Adaptors and Cables.

7. TEAC will ensure to the best of its abilities that all required parts are made available for any required service/repair.

8. TEAC Australia Pty Ltd and its Authorised Service Centres will use their best endeavours to complete product repairs within a reasonable period based on available resources and workload during the time when service is requested and performed.

9. Refurbished parts may be used to repair the product. In the case of a replacement, the product may be replaced, with a refurbished unit of the same type or, if one is unavailable, a similar refurbished model with equal or better features & specifications.

10. Please be advised that if the product presented for repair is capable of retaining user-generated data, the data may be lost during servicing. Customers are strongly encouraged to back up all important information/data before sending the product in for service/repair.

11. Service will be provided only during normal business hours and under safety conditions and circumstances. TEAC and its authorised service agents can refuse any repair if safety, in relation to OH&S, becomes a concern to its staff or authorised service agents' personnel.

12. The warranty is void and warranty claims may be refused, subject to the Australian Consumer Law, if:
    a) The product was not transported, installed, operated or maintained according to manufacturer instruction, or
    b) The product was abused, damaged, tampered, altered or repaired by any unauthorised persons, or
    c) Product failure is due to accidents during use, installation or transit, power surges, use of defective or incompatible external devices, exposure to abnormal conditions such as excessive temperatures or humidity, or entry of liquids, objects or creatures into the product.

13. No one is authorised to assume any liability on behalf of TEAC or impose any obligation on it, in connection with the sale of any equipment other than as stated in this warranty and outlined above.

14. TEAC reserves the right to inspect and verify whether the product is exhibiting a major failure as claimed by customers/retailers.

15. LED dead pixel policy, please contact TEAC Customer Support Hotline on 1300 553 315 for assistance.

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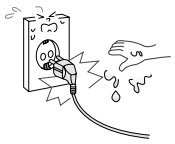
1. SAFETY PRECAUTIONS

1.1 Power Supply

Warnings

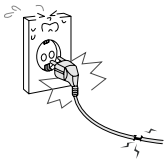
DO NOT touch the power plug with wet hands.

• Doing so may result in electric shock.



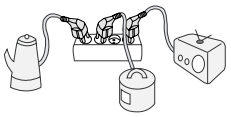
DO NOT use a damaged power cord or plug or a loose outlet.

• Doing so may result in fire or electric shock.



DO NOT plug several devices into the same outlet.

• A congested outlet may cause the outlet to overheat and start a fire.

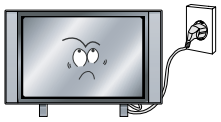


Insert the power plug fully into the outlet.

• A loose or improperly inserted power plug may result in fire.

DO NOT bend the power cord excessively or place heavy objects on it.

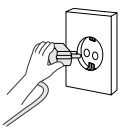
• Doing so may result in fire or electric shock.



Cautions

When disconnecting the power cord from an AC outlet, always grasp it by the plug.

• Pulling on the cord can damage the internal wire and may result in a fire.



Always unplug the unit before cleaning.

• Not doing so may result in fire or electric shock.

The purpose of these precautions is to ensure user safety and prevent property damage.
Be sure to read and observe all safety precautions.

It is the responsibility of the user to make sure all precautions and warnings are heeded and followed.

1. SAFETY PRECAUTIONS

1.2 Installation

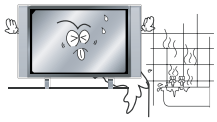
Warnings

DO NOT place containers with liquids such as vases, drink cans, bottles or small metallic objects on top of the unit.

• If liquid enters the unit or any metal object falls into the unit, it may result in a short circuit, fire, or electric shock.

DO NOT place the unit where it is exposed to rain, excessive moisture or grease.

• Doing so may result in fire, electric shock, malfunction, or deformation.



DO NOT use or store flammable or combustible materials near the unit.

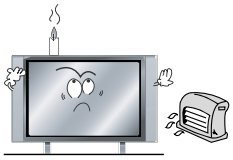
• Doing so may result in fire or explosion.

DO NOT place the unit on an unstable surface, such as a sloped table, or any stand with a contact area smaller than the bottom surface of the unit stand.

• Placing the unit on a flat stable surface can prevent accidents from happening. Ignoring this precaution may result in the unit toppling over and causing injury.
.

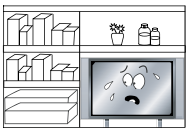
DO NOT place a burning candle, burning incense, or lighted cigarette on top of the unit.
DO NOT place the unit near any heat source such as a fire-place or space heater.

• Doing so poses a serious risk of overheating and a possible fire outbreak.



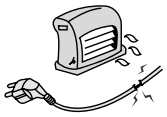
DO NOT place the unit in a poorly ventilated enclosure, such as a cabinet.

• Doing so poses a serious risk of overheating and a possible fire outbreak.

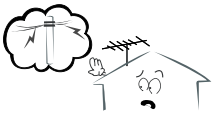


DO NOT run power cords near heat-producing appliances such as radiators, stoves, or irons.

• The excessive heat can melt the insulation and expose live wires, resulting in fire or electric shock.

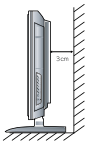


Install the antenna away from high-voltage power lines and communication cables. Make sure it is installed securely.
• If the antenna touches a power line, contact with the antenna may result in fire, electric shock, or serious injury.

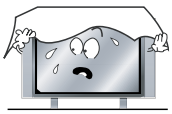


Cautions

Install the unit at an adequate distance from the wall to ensure sufficient ventilation.
Insufficient ventilation may result in the unit overheating, which may cause a possible fire outbreak.



Do not cover the unit with a tablecloth, curtain, or other material.
• Insufficient ventilation may result in the unit overheating, which may cause a possible fire outbreak.



Be sure to place the unit on a level surface.

● **The following precautions are divided into "Warnings" and "Cautions".**

⚠ Disconnect this device from power by turning the power off at the AC power outlet and unplugging the AC plug.
⚠ Warning : Ignoring this precaution may result in death or serious injury.
⚠ Caution : Ignoring this precaution may result in injury or property damage.

1. SAFETY PRECAUTIONS

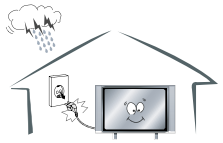
1.3 Use and Maintenance

Although the LED screen is made with high-precision technology and 99.99% or more of the pixels are effective, black dots may appear or bright points of light (red, blue, or green) may appear constantly on the LED screen. This is a property of the LED screen and is not a malfunction.

Warnings

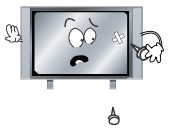
Disconnect the power cord from the power source during a thunderstorm.

• Not doing so may result in fire or electric shock.



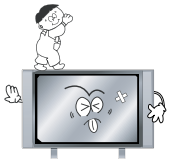
DO NOT insert any metal objects, such as a screwdriver, paper clip, or a bent wire into the ventilation openings or A/V terminals.

• Doing so poses a serious risk of fire or electric shock.



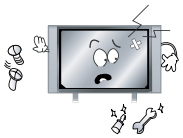
DO NOT allow children to climb onto the unit.

• The unit could topple over onto a child and result in serious injury.



DO NOT dismantle or modify the unit in any way. Do not attempt to service the unit yourself.

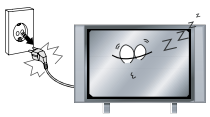
• Doing so may result in fire or electric shock. If the unit requires repair, contact the service center.



Cautions

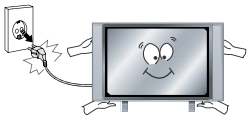
When not using the unit for long periods of time, disconnect the power cord from the wall outlet.

• If not cleaned, clogged dust particles at ventilation holes could cause the unit to heat up, and ignite when switched on, which may result in a fire outbreak.

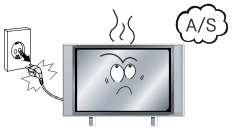


When moving the unit, be sure to turn off the unit and unplug the power cord from the wall outlet.

• Moving the unit with the power cord connected to the outlet may cause damage to the cord, resulting in fire or electric shock.



If you notice any unusual odors or smoke around the unit, immediately disconnect the unit from the outlet and contact the service center.
• Failure to do so may result in fire or electric shock.



⚠Warnings

When removing the batteries from the remote control, make sure children do not swallow them. Keep the batteries out of the reach of infants and children.

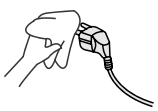
• If a child has swallowed a battery, seek medical attention immediately.

Always have two or more people at hand to lift or move the unit.

• If the unit is dropped, it could get damaged or otherwise cause injury.

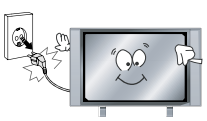
Wipe off any moisture, dirt, or dust on the power plug pins with a clean, dry cloth.

• Failure to do so may result in fire or electric shock.



Always turn off the unit and unplug the power cord when cleaning the unit. Use a soft dry cloth to clean the unit.

• Never clean with industrial strength polish, wax, benzene, paint thinner, air freshener, lubricant, detergent, or other such chemicals. Also, do not clean with a damp cloth.



Do not display still images and partially still images on the LED panel for more than 2 hours as it can cause screen image retention. This image retention is also known as “screen burn”. To avoid such image retention, reduce the degree of brightness and contrast of the screen when displaying a still image. Watching the LED TV in 4:3 format for a long period of time may leave traces of borders displayed on the left, right and centre of the screen caused by the difference of light emission on the screen. Playing a DVD or a game console may cause a similar effect to the screen. Damages caused by the above effect are not covered by the Warranty. Displaying still images from Video games and PC for longer than a certain period of time may produce partial after-images. To prevent this effect, reduce the ‘brightness’ and ‘contrast’ when displaying still images.

1. SAFETY PRECAUTIONS

1.4 Important safety Instructions

Warnings and Precautions

To prevent any injuries, the following safety precautions should be observed in the installation, use, servicing and maintenance of this device. Please read this manual carefully and keep it for future reference.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Clean only with a dry cloth.
6. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves or other devices (including amplifiers) that produce heat.
8. Do not defeat the purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your power outlet, consult an electrician to replace the power socket.
9. Do not bend the power cord excessively. Prevent the cord from being walked on or pinched by weights placed on it.
10. Only use the attachments/accessories specified by the manufacturer.
11. Use only with a cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the device. When a cart is used, use caution when moving the cart and device.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.

This symbol indicates that dangerous voltage instituting a risk of electric shock is present within this device.

This symbol indicates that there are important operation and maintenance instructions in the documentation accompanying this device.

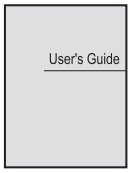
ⓘ **NOTE:**

- To prevent damage which may result in fire or hazards, do not expose the device to rain or liquids.
- Do not place objects containing liquids, such as vases on the device. If drinks and liquids have been spilled on the device, unplug the device from AC power immediately and contact the TEAC Customer Hotline for assistance.
- Servicing of this device should be conducted by qualified and certified TEAC service personnel.
- The manufacturer will not be held responsible for any damage caused by modifications done on the device without authorisation from the manufacturer's authorised service agent.

2. TV PLACEMENT SETUP

2.1 Accessories

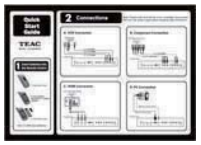
The appearance of the components may look different from the following figures.



User's Guide

Remote Control

2 x AA Batteries



Quick Start Guide

Contact Card

1 pair of active 3D glasses

2.2 TV Stand/Wall Mounting Assembly

This TV comes ready to be set up with the provided TV stand. Alternatively, opt to mount the TV on the wall by obtaining a wall mount bracket and mounting eyebolts/screws (thread size M6X35) from your local hardware store. For best results, we recommend that wall mounting should be performed by a professional installer.

ⓘ **NOTE:**

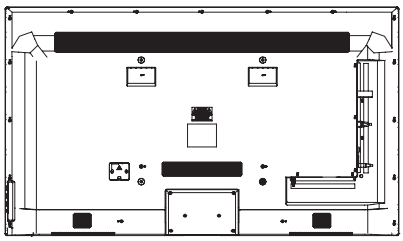
- The TV should be levelled or angled directly at the viewer's eye.
- Allow a space of 10cm around the TV to reduce risk of overheating.

⚠ **CAUTION**

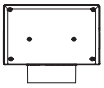
- Make sure the TV is completely disconnected and unplugged from power.
- To prevent damage to the TV screen, avoid touching or pressing on the screen with hands or objects at any time. Do not press on the front panel as it may damage the screen.
- To protect the TV from damage or scratching, only place the TV on a soft, flat surface like a table covered with a cotton towel or foam mat.
- Assembly, lifting and moving of the TV must be done by at least 2 people to prevent unit damage or physical injury from accidents.
- Ensure that all screws are tight and secure after assembly, so that the stand or mounting bracket is stable enough to prevent the TV from falling and causing personal injury or property damage.
- Make sure that the TV is not knocked or pulled down from its position. Prevent children and pets from playing with or climbing on the TV. If the TV falls, it may cause personal injury or property damage.
- If the TV stand or wall mounting bracket is damaged, do not use it to support the TV. Contact your dealer immediately.

2. TV PLACEMENT SETUP

1. The parts needed for installing the stand (supplied)

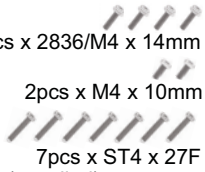


TV set



Neck

Stand



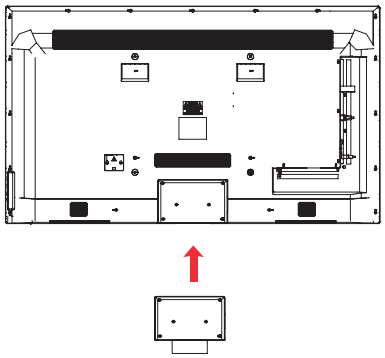
Screws(supplied)

Before installing the stand, please check that you have all of the parts and that there is no visible damage. If a part is missing or appears damaged, please contact customer service.

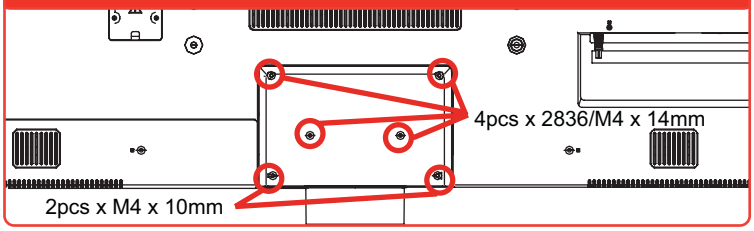
2. How to install the Stand?

Place the TV face down on a soft and flat surface (blanket, foam, cloth, etc.) to prevent any damage to the TV.

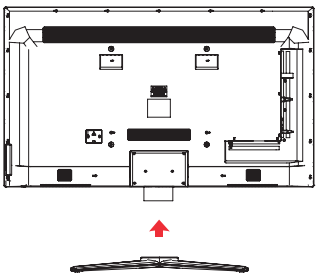
Put the neck onto the back of the TV set as shown below, and attach the neck with the supplied screws .



When attaching, make sure the screws are attached tightly.
If the screws do not attach tightly, it will lead the TV to be unstable or may even tip over.
Please make sure correct screws are used or they will damage the TV.

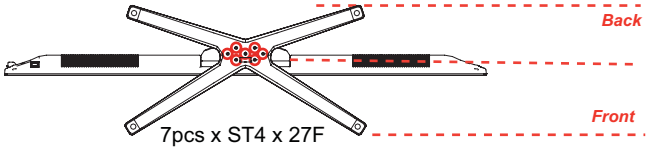


Put the stand to the neck of the TV set as shown below, and attach the neck with the supplied screws (7pcs x ST4 X 27F).



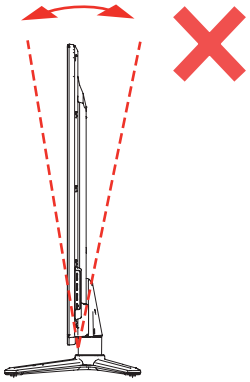
1. ***Before you put on the stand, please make sure the direction is correct as shown below.***
2. ***When you are putting on the stand, please make sure the neck of the TV set is in the correct position and attached tightly.***
3. ***When attaching the stand, make sure the screws are attached tightly.***

NOTE: If you do not attach correctly and tightly, it will make the TV unstable and may tip over.

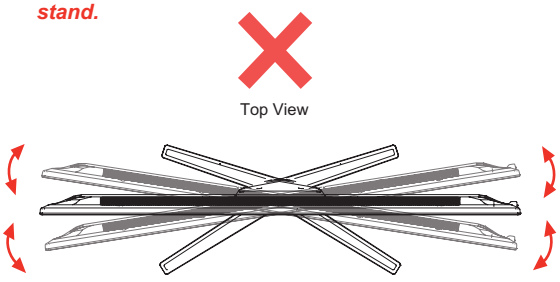


3. Warnings.

a. It can not be tilted to the front or back as shown below. Doing so may damage the stand.



b. It can not be tilted to the right or left as shown below. Doing so may damage the stand.



2. TV PLACEMENT SETUP

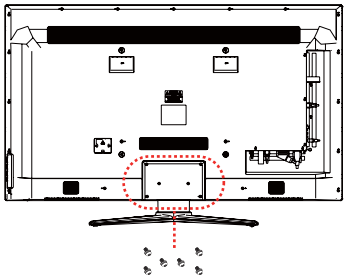
Stand and wall-mounted (optional)

Your LED TV is able to accommodate wall mounting with the use of a wall mount bracket (not supplied with LED TV, please contact your local hardware store) and the mounting hole screw size (M5X8mm) on the back of the unit.
We recommend removing the TV stand prior to mounting the TV on the wall. Please refer to the figures and procedure below.

How to remove/re-install the stand

Follow the instructions below to remove the base of the TV:

1. Place the unit (face down) on a soft surface.
2. Loosen and remove the 6 screws securing the stand to the TV (shown on right).
3. Gently remove the stand.
4. To reinstall the stand, place the unit (face down) on a soft surface and reverse the above instructions.

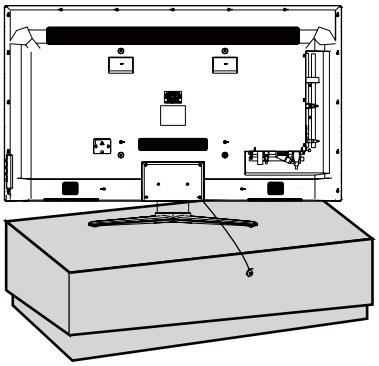


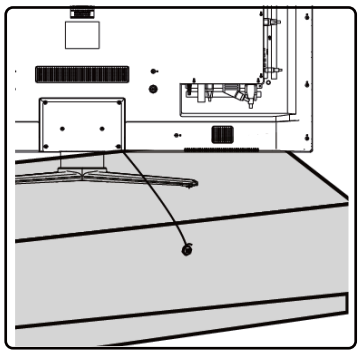
NOTE: Make sure the power is completely disconnected and unplugged before starting.

Fall Prevention

To prevent the TV from tilting forward and falling over to cause damage or injury, please secure the TV to your table or wall using screws or eyebolts and strong cord (not provided). An example on fixing the TV to a table is shown below:

1. Install a wood screw or eyebolt into the table that is supporting the TV.
2. Fix a machine screw into a screw hole near the base in the back of the TV.
3. Tie the wood screw or eyebolt to the machine screw with a strong cord.



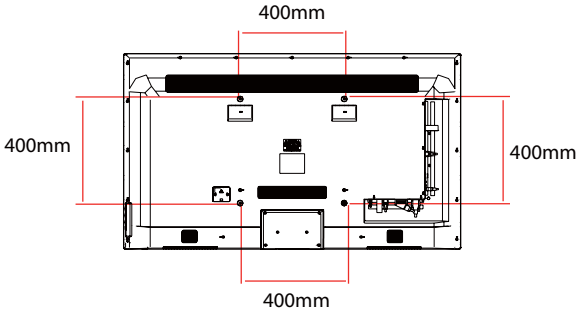


Alternatively, secure the TV to the wall directly behind it by fixing eyebolts to the wall and tying them to screws fixed on the centre of the TV back panel.

How to mount the LED TV on the wall

1. After detaching the stand, fasten 4 mounting screws (thread size M6X35mm - NOT SUPPLIED. Please contact your local hardware store) into the 4 screw holes on the rear cover, see the figure below.
2. Fasten wall mounting bracket (NOT SUPPLIED with LED TV, please contact your local hardware store) with screws on the wall.
3. Carefully check for the strength of the connection before releasing the LED TV.

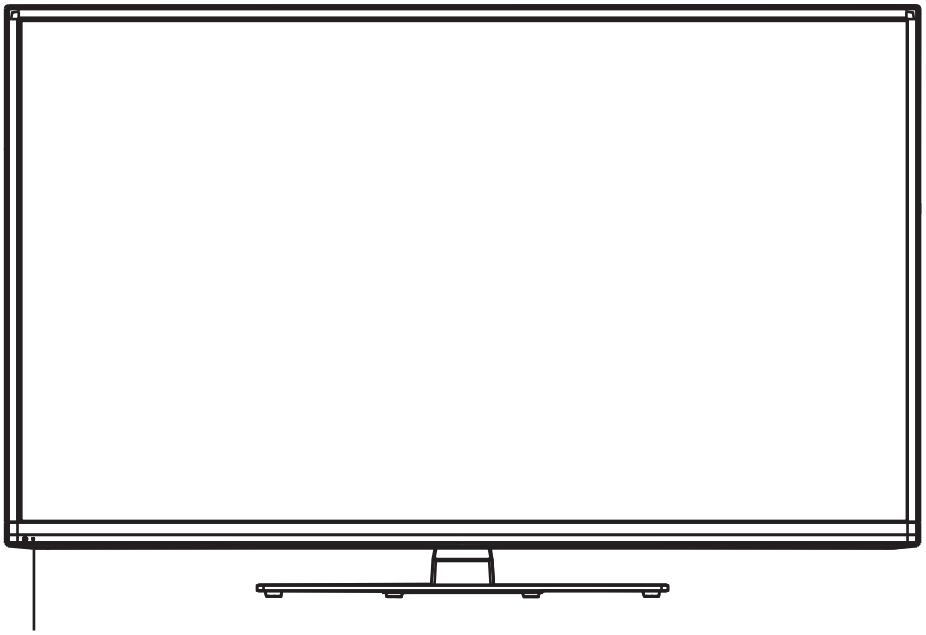
NOTE : For more detailed instructions please refer to your “after market” wall mounting instruction book.

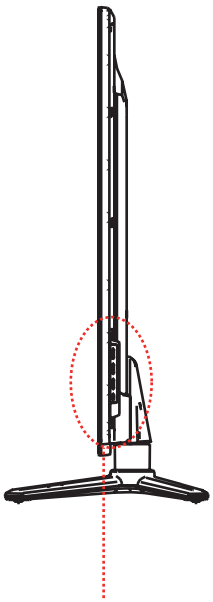


✧ **Thread hole size – M5 x 8mm depth (TV mounting screw size) on the TV.**

3. PARTS & CONNECTIONS

3.1 Front View

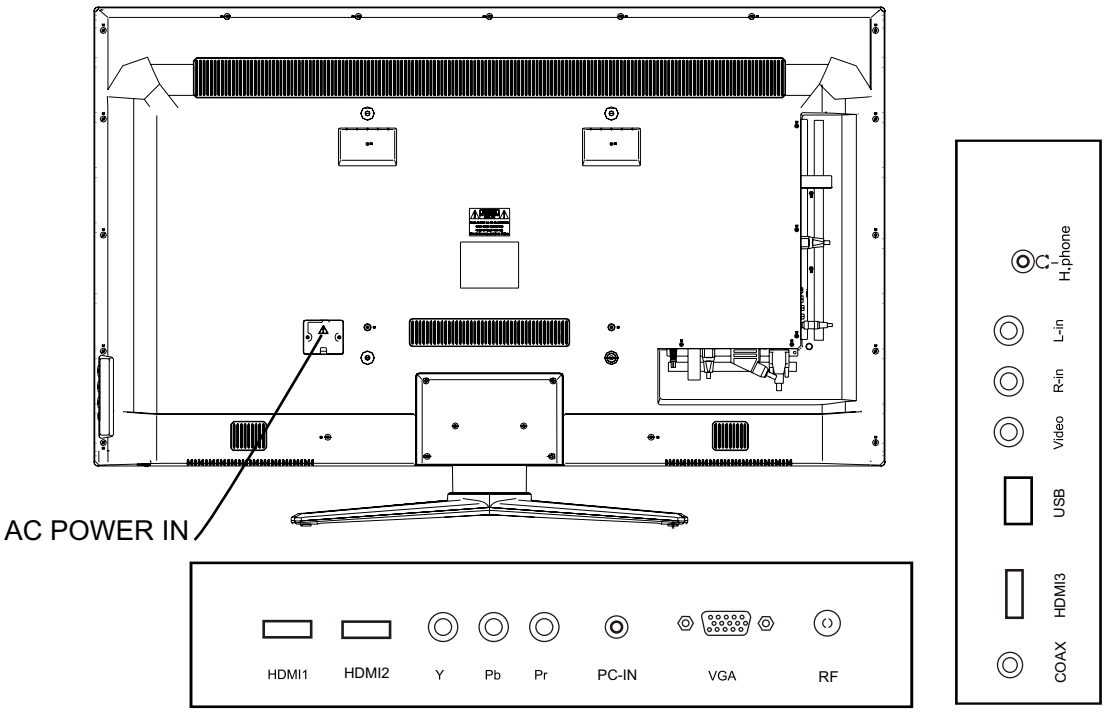




POWER: Turn on/standby the TV set.
VOL+/-: Adjust the volume.
CH+/-: Scan through channels.
MENU: Display/exit the OSD menu.
INPUT: Display the input source menu.

3. PARTS & CONNECTIONS

3.2 Back View



Part Name	Function
AC Power In	Connect to the AC power supply
HDMI 1/2/3	Connect to the HDMI socket of your DVD or satellite box
YPbPr	Connect to the component YPbPr output of external devices
PC IN	PC audio input
VGA	Connect to the PC VGA output to display PC graphics
RF	Connect to antenna or cable source
COAX	Digital output to AV receiver
USB	Connect to a USB storage device for DVR (Recording) in DTV Mode and USB Multimedia Playback in USB Mode
Video	Connect to the composite video output of external devices
Audio R/L In	Audio signal input for AV (shared with YPbPr)
H. phone	Connect to headphones

NOTE: Before making or changing cable connections, please make sure that power to the unit is completely disconnected by switching off the power supply and unplugging the power cable from the wall outlet.

4. INITIAL SETUP & INPUT SOURCES

4.1 Initial Power On

When the TV is turned on the first time out of the box or after a factory settings reset, it will prompt you to run auto channel tuning.

1. Connect the TV to your antenna wall socket using a coaxial TV cable.
2. After making sure all connections are secure, plug in the power cord.
3. Press ⏻ on the remote control to turn on the TV.
4. The TV will initialise and prompt you to choose between Home Mode and Shop Mode. Home Mode is recommended for optimal energy saving. Choose with ◄ ► ▲ ▼ and press OK to proceed.
5. Next, a tuning menu will display. Adjust the settings with ◄ ► ▲ ▼ and press OK to start tuning.
6. After tuning is complete, the TV will display programmes from detected channels.

ⓘ NOTE: If no channels are detected, please check the connection and condition of your external antenna.

4.2 Selecting an Input Source

To play different media types and from any connected external device, change input sources to activate the desired connection.

1. Press INPUT to display the list of input sources.
2. Press ▲ ▼ to choose an input source.
3. Press OK to confirm.

DTV, USB and HDMI can also be accessed using the shortcut buttons DTV/USB.

This TV starts in DTV mode by default when it is switched on for the first time. Subsequently, it will start in the most recently selected input mode.

ⓘ NOTE: Please make sure the device is connected before selecting the input source.

5. REMOTE CONTROL

The remote control uses Infrared signals. Point it at the Infrared sensor at the front of the TV.

ⓘ NOTE: The remote control may not work correctly if it is operated out of range or angle, of if there are objects blocking the signal.

5.1 Remote Control Buttons and Functions

POWER: Switch the TV on or off Standby mode.
DTV/USB: Switch to DTV/USB Mode.
3D: Access the 3D Setup Menu.
INPUT: Access the Input Source Menu.
HDMI: Cycle through HDMI Modes 1-3.
P MODE: Cycle through preset picture profiles.
S MODE: Cycle through preset sound profiles.
MEDIA CENTER: Function not available.

DELETE: Delete files from the Recorded File List.
REC. LIST: Display the Recorded File List.
SCH.LIST: Display the Schedule List.
SCREEN: 1. While playing music, turn off the screen.
2. In HDMI Mode, change between Video and PC Modes.
3. In VGA Mode, auto-align the screen.

MENU: Press to display the OSD menu.
SUBTITLE: Choose from available subtitles.
AUDIO: Choose from available audio tracks.
EPG: Access the Electronic Programme Guide.
DISPLAY: Display detailed information or controls.
▲▼◀▶: Directional navigation buttons.
OK: Confirm a setting.
CH+/-: Browse next/previous channel.
VOL+/-: Adjust volume level.
EXIT: Exit menu or return to last level.
MUTE: Toggle audio output muting.
Number Buttons: Key in numbers to view channels or other option inputs.
⮌: Return to the most recently viewed TV channel.
CH.FAV: Show Channel List, then Favourite Channels List.

5. REMOTE CONTROL

● **(REC):** Start recording when in DTV Mode.
REPEAT: Toggle Repeat options in USB Mode.
⏏ **:** No Function.
⏯**:** Play/Pause playback, or toggle DTV Time Shift.
■ **:** Stop playback.
⏪ ⏩**:** Fast Rewind/Fast Forward up to 16x.
⏮⏭**:** Previous/next chapter/track.
⏭**:** Function not available.
D.MENU: Function not available.
D.TOPTITLE: Function not available.
OSC: Function not available.

Teletext operation:
Teletext is an information system broadcasted by certain channels providing news, weather forecasts, puzzles as well as subtitles. Subject to availability.

SUBPAGE: Toggle subpage.
HOLD: Hold or resume browsing the subpage.
SIZE: Cycle through page zoom-in views.
INDEX: Go to Index.
CANCEL: Cancel the Teletext Display.
REVEAL: Reveal any hidden text.
TV/TXT: Toggle Teletext viewing modes.
Colour buttons: Shortcut keys per on-screen hints.

D.SETUP: Function not available.
2nd AUDIO: Function not available.
BONUS VIEW: Function not available.
GOTO: Jump to a specific point during playback.
A-B: Define Points A and B for looping playback.
RANDOM: Function not available.
ASPECT: Cycle through different picture aspect settings.
ANGLE: Choose alternative camera angles if available.
SLEEP: Cycle through and set Timer Sleep settings.

5.2 Battery Installation

⚠ CAUTION
- To prevent damage to the remote control, make sure to install batteries correctly. Do not mix old and new batteries.
- Dispose of batteries safely and appropriately. Contact your local authorities or dealer for advice on battery disposal.
- Keep batteries out of reach of children.

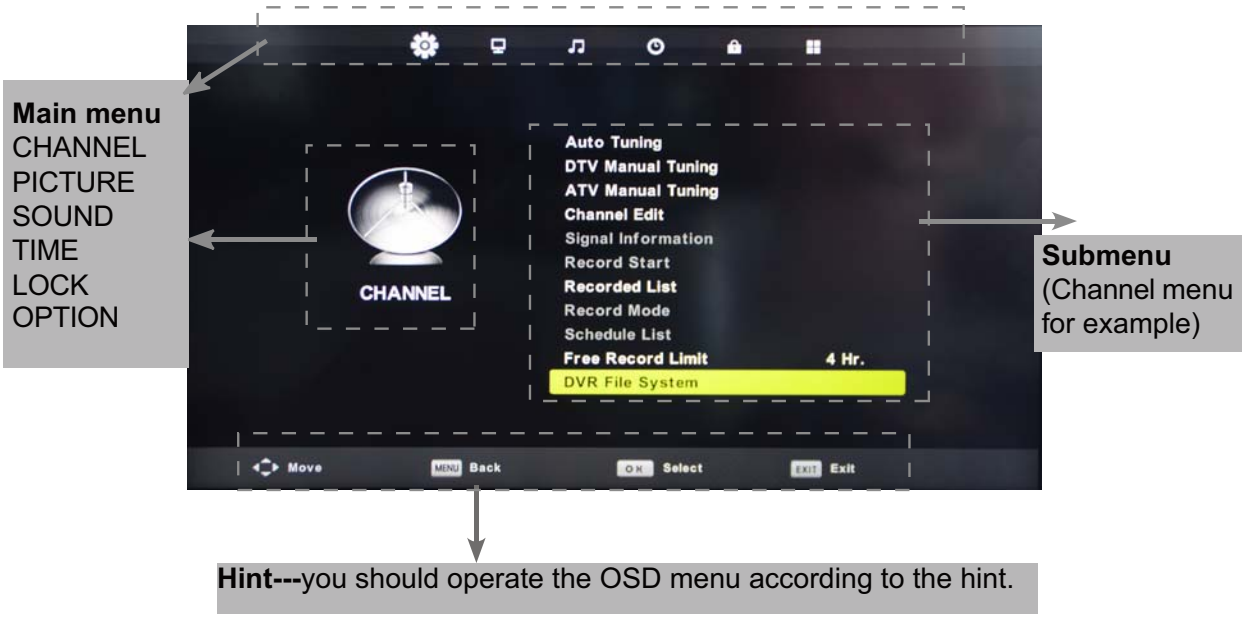
1. To open the battery compartment, press on the battery cover and slide it out.
2. Insert 2 AA batteries, making sure to match +/- polarities as marked in the compartment.
3. Close the battery cover.

6. ON-SCREEN DISPLAY (OSD) MENU

6.1 OSD Menu Overview

The OSD menu system acts as the Main Menu and allows access to main feature controls as well as optional user settings.

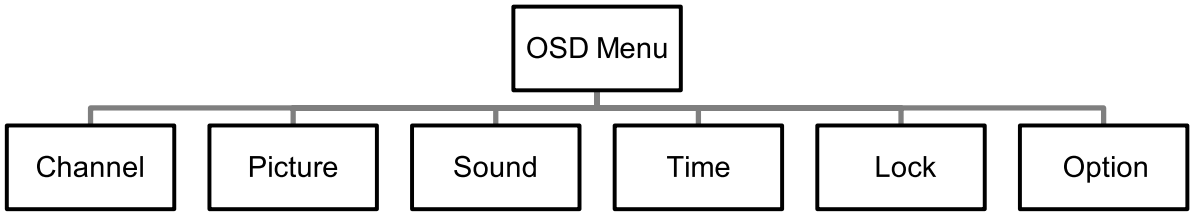
ⓘ **NOTE:** Certain menus are available only in their relevant input modes.



Navigating the OSD

1. Press MENU to display the OSD.
2. Use ◄ ► to navigate to different menus via the tabs at the top.
3. Use ▲ ▼ to enter a menu and select available settings or submenus.
4. Use ◄ ► or press OK on a selected item to adjust settings or enter a submenu.
5. Press OK or ► to confirm a setting and continue browsing the menu. If you have entered a submenu, please follow the hints at the bottom of the screen, or refer to the relevant sections in this user manual for operation details.
6. Press MENU again to exit the menu, or EXIT to exit the OSD completely.

6.2 Menu Map



6. ON-SCREEN DISPLAY (OSD) MENU

Menu	Option	Description
CHANNEL	Auto Tuning	Tune channels automatically. This will overwrite any previously saved channels and channel settings.
	DTV Manual Tuning	Tune digital TV channels manually.
	ATV Manual Tuning	Tune analogue channels manually.
	Channel Edit	Customize channel list display and channel access.
	Signal Information	Display detailed channel signal information.
	Record Start	Start recording the current DTV channel at once.
	Recorded List	Display the Recorded File List.
	Record Mode	Schedule a future recording.
	Schedule List	Display the Schedule List.
	Free Record Limit	Set a recording time limit between 1 – 6 hours.
	DVR File System	Access the DVR File System Menu.
	▪ Select Disk	Select a connected USB storage device.
	▪ Check DVR File System	Check if the selected USB storage device is compatible.
	▪ USB Disk	Show if the selected USB storage device is compatible.
	▪ Format	Format the selected USB storage device.
	▪ Time Shift Size	Available data storage space for Time Shift recording
	▪ Speed	Shows the speed of the selected USB storage device.
PICTURE	Picture Mode	Choose from preset picture settings profiles. Choose 'User' for manual customisation.
	Contrast	Adjust picture contrast.
	Brightness	Adjust picture brightness.
	Colour	Adjust picture colour.
	Tint	Adjust picture tint. (NTSC format only)
	Sharpness	Adjust picture sharpness.
	Colour Temperature	Adjust colour temperature.
	Red	Adjust Red colour level.
	Green	Adjust Green colour level.
	Blue	Adjust Blue colour level.
	Aspect Ratio	Adjust picture aspect ratio.
	Noise Reduction	Adjust noise reduction settings.
	Over Scan	**HDMI Mode:** Choose between Auto Video and PC.
	3D Setup	Adjust 3D Settings.

6. ON-SCREEN DISPLAY (OSD) MENU

SOUND	Sound Mode	Choose from preset sound setting profiles. Choose 'User' for manual customisation of Treble and Bass.
	Treble	Adjust the relative intensity of higher pitched sounds.
	Bass	Adjust the relative intensity of power pitched sounds.
	Balance	Adjust the balance of the Left and Right audio tracks.
	Auto Volume	Turn on/off automatic programme volume control.
	Surround Sound	Turn Surround Sound off/on.
	SPDIF Mode	Select between Off, PCM and Auto.
TIME	Clock	Set the current time. In DTV Mode, the time is set according to broadcaster signals and cannot be changed.
	Off Time	Set a time of day and frequency for the TV to turn off.
	On Time	Set a time of day and frequency for the TV to turn on.
	Time Zone	Select the time zone.
	Sleep Timer	Set the TV to turn off after a certain amount of time.
	Auto Sleep	Set the TV to turn off after it has not received any control signals for a certain amount of time.
LOCK	Enable Locks	Set channel/programme locking on/off with a password.
	Set Password	Change the password.
	Block Channel	Password-lock all programmes from selected TV channels.
	Parental Guidance	Password-lock all programmes at and beyond a chosen programme rating.
OPTION	OSD Language	Set the language for the OSD Menus.
	Audio Language	Select the 1st/2nd preferred language track to be selected if it is available from the broadcaster.
	Subtitle Language	Select the 1st/2nd preferred language track to be selected if it is available from the broadcaster.
	OSD Duration	Adjust the time needed before the OSD Menu auto hides.
	Blue Screen	Turn on/off the blue screen display during 'No Signal'.
	Country	Shows current country that was set during Auto Tuning.
	Auto Software Update	Turn automatic software update on if you wish the TV to automatically scan for new firmware updates at night.
	Restore Factory Default	Reset all settings to factory defaults. All channels and personalised settings will be erased.
	Backlight	Adjust backlight settings.
	System Info	Display system and support contact information.
	HDMI CEC **	Access HDMI CEC options.
	▪ HDMI CEC	Turn HDMI CEC On or Off
	▪ Auto Turn Off	Turn this option On or Off. When it is enabled, turning a connected compatible CEC-enabled device will also trigger the other device to turn off.

** HDMI CEC (Consumer Electronics Control) allows compatible CEC-enabled devices that are connected via HDMI to communicate with each other and enable smart controls like simultaneous power on and off. Compatibility depends on the hardware specifications by the individual manufacturers as well as the availability of the CEC function on the devices.

7. TV & ELECTRONIC PROGRAMME GUIDE (EPG)

7.1 ATV/DTV Mode

Start watching TV by pressing INPUT to switch to the ATV (Analogue TV) or DTV (Digital TV) input source. For detailed steps on changing inputs, please see the Input Source section.

ATV and DTV depends on the broadcasting services available in your locality. The quality of received channels depends on the strength of the signal reception in your location. We recommend using an external antenna connection to receive channels.

Tune to TV channels using Auto Scan or Manual Tuning.

Auto Tuning

Run a complete scan for channels and save all detected channels into the Channel List.

1. Press MENU and navigate to the CHANNEL Menu.
2. Use ▲ ▼ and OK to select the Auto Tuning option.
3. Use ◀ ▶ to adjust Country and Tune Type options.
4. Press OK to start scanning.

ⓘ **NOTE:**

- Auto Tuning will overwrite all previously saved channels and channel settings.
- If the ATV+DTV option is selected, the first 50% of the scan represents ATV tuning, while the other 50% represents DTV tuning.
- Press EXIT if you wish to stop tuning halfway through the process.

DTV Manual Tuning

Scan a specific DTV frequency and save detected channels into the Channel List.

1. Press MENU and navigate to the CHANNEL Menu.
2. Use ▲ ▼ and OK to select the DTV Manual Tuning option.
3. Use ◀ ▶ to select a DTV channel.
4. Press OK to start scanning.

ATV Manual Tuning

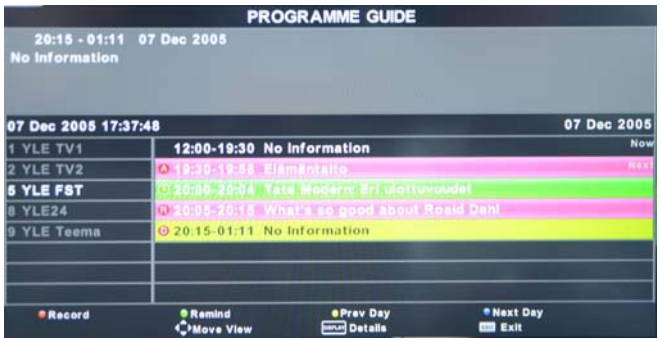
Scan a specific ATV frequency and save detected channels into the Channel List.

1. Press MENU and navigate to the CHANNEL Menu.
2. Use ▲ ▼ and OK to select the ATV Manual Tuning option.
3. Use ▲ ▼ ◀ ▶ to adjust scanning options.
4. Press OK to start scanning.

7. TV & ELECTRONIC PROGRAMME GUIDE (EPG)

7.2 Electronic Programme Guide (EPG)

While using DTV Mode, press EPG to display the EPG. EPG is not available in ATV Mode.



Browsing the EPG

1. Change channels using ▲▼ to navigate and press OK to tune into a highlighted channel.
2. View channel guides when tuned in to the relevant channels by using ▲▼◀▶.
3. Browse channel schedules up to 7 days in advance with SCH.LIST and SCREEN.
4. Press MENU or EXIT to exit the EPG.

ⓘ **NOTE:**

- You need to tune in to a channel before its schedule is displayed.
- EPG schedules are available up to 7 days in advance from the broadcaster.
- While a future programme is highlighted, press DELETE to schedule automatic timed recording, or press REC.LIST to schedule a viewing. Please see the DVR section for detailed instructions.

7.3 Channel Custom isation

Make personal changes to the channel list in the Channel Edit menu. Different options are available for ATV and DTV channels.

1. Press MENU to display the OSD.
2. Use ▲▼ to navigate to CHANNEL Menu ➔ Channel Edit and press OK.
3. If password locks are enabled, key in the password to enter the Channel Edit menu.
4. Customise your channels according to the instructions below.
5. Press MENU again to exit the menu, or EXIT to exit the OSD completely.

7. TV & ELECTRONIC PROGRAMME GUIDE (EPG)

Favourite Channels

1. Use ▲ ▼ ◀ ▶ to highlight a desired channel.
2. Press CH.FAV to mark it as a Favourite Channel. This channel will now be listed in the Favourite Channel List.
3. To remove it from the list, press CH.FAV again to remove the 'Favourite' mark.

Skip Channels

1. Use ▲ ▼ ◀ ▶ to highlight a desired channel.
2. Press SCREEN to mark it to be skipped. This channel will now be skipped when you browse TV channels with CH ▲/▼. It will still be accessible from the Channel List and EPG.
3. To remove the channel's Skip status, press SCREEN again to remove the 'Skip' mark.

Delete Channels

1. Use ▲ ▼ ◀ ▶ to highlight a desired channel.
2. Press DELETE to delete it.
3. Press ◀ to confirm or ▶ to cancel the deletion.

ⓘ **NOTE:** To add a deleted channel into the list again, you will have to scan for it via Auto or Manual Tuning. See the Tuning section for detailed instructions.

Rename Channels

This feature is only available for ATV channels. DTV channels cannot be deleted.

1. Use ▲ ▼ ◀ ▶ to highlight a desired channel.
2. Press REC.LIST to start renaming and use ▲ ▼ ◀ ▶ to enter the new channel name.

Move Channels

1. Use ▲ ▼ ◀ ▶ to highlight a desired channel.
2. Press SCH.LIST to mark it to be moved, then use ▲ ▼ to move it to a desired position.
3. Press SCH.LIST again to confirm the new position.

7.4 Channel List and Favourite List

Use the Channel List and Favourite Channel List to change channels with ease.

1. Press CH ▲/▼ to display the Channel List.
2. Press CH ▲/▼ a second time to display the Favourite Channel List.
3. Use ▲ ▼ to select a channel and OK to tune into the channel.

7. TV & ELECTRONIC PROGRAMME GUIDE (EPG)

7.5 Password Lock for Channels and Programmes

Use the LOCK Menu in the OSD for password settings. This menu requires password access. The default password is 0000. If you have forgotten your password, use the master password 8899.

Enable Locks

This option MUST be turned on to use any password locks for channels and other settings.

1. Press MENU to display the OSD.
2. Use ◄ ► ▲ ▼ to navigate to LOCK Menu. You will need the password for access.
3. Select Enable Locks and use ◄ ► to turn it On or Off as desired.

Password Customisation

Set your personal password with the following steps.

1. Press MENU to display the OSD.
2. Use ◄ ► ▲ ▼ to navigate to LOCK Menu. You will need the password for access.
3. Navigate to Set Password and press OK.
4. Key in the current password (the default password is 0000).
5. Key in the new password carefully.
6. Key in the new password once more to confirm and save the new password.

ⓘ NOTE:

- The default password is 0000. If you have forgotten your password at any time, use the master password 8899 to reset your personal password.

Channel Locking

Lock specific TV channels so that they can only be viewed after using the right password.

1. Press MENU to display the OSD.
2. Use ◄ ► ▲ ▼ to navigate to LOCK Menu. You will need the password for access.
3. Select Enable Locks and set it to 'On'.
4. Select the Block Channel option and press OK. The Channel Lock list will display.
5. Highlight a desired channel with ▲ ▼ and press REC.LIST to lock it. Press again to unlock.
6. Press EXIT to exit.

7. TV & ELECTRONIC PROGRAMME GUIDE (EPG)

Parental Control for Rated Programmes

Lock specific TV programmes by rating so that they can only be viewed after using the right password.

1. Press MENU to display the OSD.
2. Use ◄ ► ▲ ▼ to navigate to LOCK Menu ➔ Lock Channel and set it to 'On'. A password will be required to change this setting. See the Password Customisation section for details.
3. Use ◄ ► ▲ ▼ to select Parental Control and choose a rating limit. Programmes with the chosen rating and any ratings beyond it will be locked.

ⓘ **NOTE:**

- Programme ratings depend on availability from the broadcasting service.
- Locked programmes or channels cannot be recorded unless they are already being accessed using the password. Please keep this in mind when scheduling recordings.

8. DIGITAL VIDEO RECORDING (DVR)

This feature allows the recording of TV programmes to a compatible USB storage device like a hard disk drive or thumb drive. While recording is in progress, the front panel LED light will flash red and green.

ⓘ **NOTE:**

- USB devices such as mobile phones, MP3 players and cameras do NOT support file recording.
- Recorded file sizes depend on the broadcast content, up to several GB per hour.

For best recording and playback results, we recommend using a USB storage device with:

A. Data storage capacity up to 1.5TB
B. Maximum disk partition size 400GB
C. An external power supply
D. Maximum USB extension cable length 50cm.

8.1 Setting up for USB Recording

1. Connect the USB storage device to the USB1 port on the back panel of the TV.
2. If the USB storage device uses its own power supply, make sure it is turned on.
3. Press MENU to display the OSD.
4. Use ▲▼ to navigate to CHANNEL Menu ➔ DVR File System and press OK to access the setup options in the DVR File System Menu, as described below.

Selecting a Disk Drive and Checking Compatibility

Select a desired USB storage device for recording if multiple devices are connected. Then check if the connected USB storage device is compatible and ready for recording.

1. Select a disk drive using the Select Disk option.
2. Select Check DVR File System in the DVR File System Menu and press OK.
3. One of the following messages will appear: 'SUCCESS' for a compatible device and 'FAIL' for an incompatible device.

ⓘ **NOTE:**

- This TV will always use the first partition (C:\) for recording purposes. If your hard disk contains more than one partition, please use the first partition for recording purposes.
- Failure to identify the File System may also be due to insufficient memory space on the storage device, or a faulty USB cable. Try another USB storage device with a larger capacity or another USB cable.
- If no device is connected, this detail will be greyed out.

Formatting a Disk

You may need to format the USB storage device for reasons such as:

A. The device is currently in an incompatible format.
B. The device's file system is damaged and needs to be rewritten via formatting.
C. You wish to wipe all data from the device to begin again with an empty drive.

8. DIGITAL VIDEO RECORDING (DVR)

Formatting will ensure that the USB storage device is in the FAT32 file system and that there is enough storage space available for recording programs.

> ⚠ **CAUTION**
> - Formatting will erase ALL data on the storage device! Please back up all valuable data before proceeding to format. TEAC is not responsible for any lost data due to formatting.

1. Select the disk drive to be formatted.
2. Select the Format option in the DVR File System Menu and press OK.
3. Select the FAT32 option and press OK to start formatting.

ⓘ **NOTE:**
- The FAT32 file system is best for high speed storage devices. High Speed FS is best for low speed storage devices.
- After formatting into the FAT32 file system, you will still be able to store and share other media files on the same storage device.
- Storage devices formatted in High Speed FS system can only be used to record from this TV and cannot store other media files.

Time Shift Size

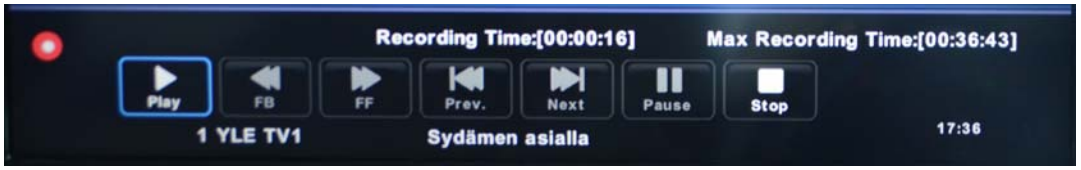
After the USB storage device is formatted into the FAT32 file system, Time Shift cannot be altered. During 'DVR File System Check', the display will show that the whole storage device space will be used for Time Shift. However, Instant and Scheduled Recording will still have priority over available storage space.

For details on using Time Shift, please see the Time Shift section.

8.2 Instant Recording

When a compatible USB storage device is connected, you can record TV programmes at will with the press of a button. While recording is in progress, the TV's LED light will flash.

1. Press REPEAT while watching TV to start recording. Alternatively: MENU ➔ CHANNEL Menu ➔ Record Start
2. Press EXIT if you wish to display the Recording progress bar during recording. Press again to close.
3. Press REVEAL to stop recording.



8. DIGITAL VIDEO RECORDING (DVR)

ⓘ NOTE:

- Press CANCEL ⏯ to view the currently recording file while recording.
- Press REC.LIST to play any other recorded files from the Recorded File List.
- It is not possible to view channels on other frequencies while recording is ongoing.
- The recorded file size depends on the broadcasted content. Please make sure your USB storage device has ample space for recording.
- Please do not turn off or unplug the USB storage device during recording. This may damage the USB storage device or cause data corruption.

Recording in Standby Mode

Continue recording after turning off the TV. (Similarly, scheduled recording can be done while the TV is turned off in Standby Mode.)

1. Press REPEAT ● while watching TV to start recording. Alternatively: MENU ➔ CHANNEL Menu ➔ Record Start
2. Press ⏻ to turn the TV off into Standby Mode.
3. A prompt will appear. Choose whether to continue recording after turning the TV off, then press OK.

Setting a Record Limit

Set a time limit for Instant Recording. When the time limit is up, recording will stop automatically.

1. Press MENU to display the OSD.
2. Use ▲▼ to navigate to CHANNEL Menu ➔ Free Record Limit and adjust the setting between 1 – 6 hours.

8.3 Time Shift (Pause Live TV)

Pause live TV temporarily and avoid missing part of the TV show even if you are interrupted.

1. Press CANCEL ⏯ while watching TV to pause live TV and start Time Shift.
- Press CANCEL ⏯ to resume watching TV from where it was paused. The TV will continue recording live TV.
2. When a Time Shifted programme is playing, a ▷ sign is displayed on the screen.
3. Press EXIT ◯ if you wish to display the Time Shift progress bar during Time Shift recording. Press again to close.
4. Press REVEAL ■ to stop recording and return to live TV broadcast.

ⓘ NOTE:

- Fast Forward/Rewind can be done with HOLD ◀◀ SIZE ▶▶, but if you reach the end of the Time Shift recording, the TV will stop recording and return to the live TV broadcast.

8. DIGITAL VIDEO RECORDING (DVR)

- The max recording time for Time Shift depends on the available data storage space and the size of the broadcast DTV content.
- Time Shift recordings do not remain saved on the USB storage device.

8.4 Scheduled Recording/Viewing Reminder

Schedule an automatic programme recording or viewing event by directly selecting a programme from the EPG.

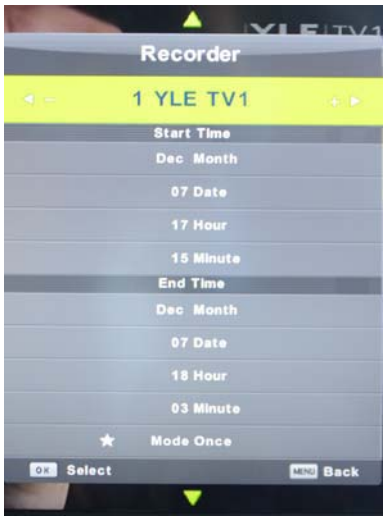
A. Scheduled recording: Record a programme into a connected USB storage device.
B. Viewing reminder: Show a scheduled programme on time.

ⓘ NOTE:

- If channel locks or parental control locks are enabled, the locked programmes and channels can be recorded, viewed and played back on this TV using password access. Key in your current password when the password prompt pops up.
- While recording is in progress for a locked channel, you will still need to key in the password to watch that channel. This does not interrupt the recording process.

Schedule a New Recording/Viewing Event

This feature can be used in DTV Mode.



1. Press EPG and use ◄ ► ▲ ▼ to highlight a desired programme in the programme guide.
2. Press DELETE to schedule a recording, or REC.LIST to schedule a viewing reminder.
3. A scheduling menu will appear. The desired programme details will already be automatically set. Press ◄ ► ▲ ▼ to change any details if desired.
4. Press OK to save. If the new event clashes with an existing event, you will be asked whether to cancel the scheduling or overwrite the old event. The Schedule List will display and list the new event.
5. Press EXIT to return to TV viewing. When the time is reached, a countdown will be displayed before recording or showing starts.

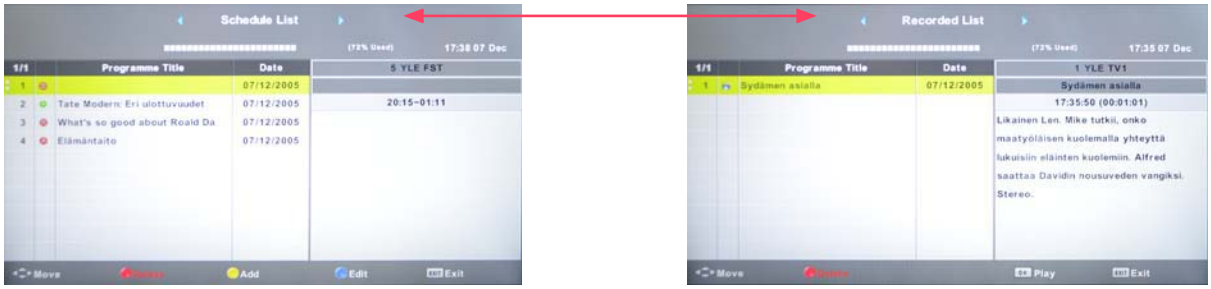
ⓘ NOTE:

- If the TV is in Standby Mode, Scheduled Recording will proceed without needing the TV to turn on.
- At least 20 events can be scheduled. If the maximum is reached, existing events must be deleted before new ones can be scheduled.

8. DIGITAL VIDEO RECORDING (DVR)

Viewing the Schedule List

Schedule List Press ◄ ► to exchange Recorded List



1. Press SCH.LIST to display the Schedule List.
2. Press ▲ ▼ to scroll up and down the list. Scheduled recordings will be marked with a camera icon, and viewing reminders with a clock icon.
3. Press EXIT to return to TV viewing.

Deleting a Scheduled Recording/Viewing Event

1. While viewing the Schedule List, use ▲ ▼ to select the event to be deleted.
2. Press DELETE to delete the highlighted event.
3. Press ◄ to confirm or ► to cancel the deletion.

8.5 Using the Recorded File List

Press REC.LIST to access the Recorded File List. Any recorded TV programmes will be listed if a USB storage device is connected and powered on.

Viewing and Playing Recorded Files

1. Press REC.LIST to view the Recorded File List. Press repeatedly to sort the files by Programme, Channel and Time.
2. Use ▲ ▼ to browse the list and select a file.
3. Press DISPLAY to display detailed information on the highlighted file.
4. Press EXIT to show an on-screen control bar.
5. Press OK to start playing the selected file.

ⓘ NOTE:

- If playback is stopped, the track position is remembered and playback will resume from there.
- When Parental Control is enabled, some recorded programmes may be locked because of their rating according to the EPG. Key in the correct password to play them.

Deleting Recorded Files

1. Press REC.LIST to view the Recorded File List, then use ▲ ▼ to select a file.
2. Press DELETE to delete a file.

9. 3D VIDEO PLAYBACK

You can watch 3D TV when:

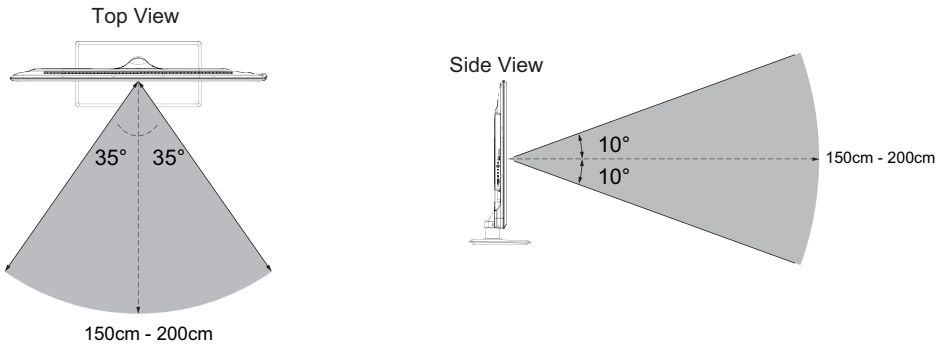
A. The TV receives 3D broadcasting (subject to availability from the broadcaster), or is connected to a compatible 3D video player, and
B. The 3D format of the video is **Side by Side**, **Top Bottom**, **Frame Packing** or **Line by Line**.
C. You turn on the 2D to 3D function while watching 2D video or TV.

> ⚠ **CAUTION**
>
> - Do not watch 3D TV for too long as it may harm your eyesight or cause you to experience fatigue, headaches and nausea. Take frequent breaks from watching 3D TV.
> - If you feel unwell while watching 3D TV, stop and take a rest. If symptoms persist, consult a doctor.
> - Stop and consult a doctor immediately if you experience the following symptoms, as you may be at risk of or experiencing seizure or epilepsy: dizziness, altered vision, eye or muscle twitching, involuntary movements, convulsion, loss of consciousness, loss of direction and confusion, cramps and nausea.
> - Children and teenagers should be monitored while watching 3D TV in case they show any discomfort. If they feel unwell, have them take a break. If symptoms persist, consult a doctor.
> - The following people are not recommended to watch 3D TV:
>   - Young children under 5 years of age
>   - Pregnant women, seniors, people with heart problems, oversensitivity to light and other medical conditions
>   - People who are sick or tired
>   - People with a history of epilepsy or seizures

9.1 Watching 3D TV

For optimal 3D video viewing experience, please make sure that your viewing position is within the recommended distance and angle.

: Recommended angles to view 3D



1. Start a 3D video playback from a Blu-ray disc, USB multimedia playback or 3D TV broadcasting, or turn on the 2D to 3D function. For USB playback instructions, please see Section 11.
2. Put on a pair of active 3D glasses (included with this TV) and turn them on.
3. Turn on 3D Mode if needed by pressing 3D. The default 3D Type is Side by Side. Adjust the 3D Type setting if necessary to match the 3D video format. If the 3D picture layers look reversed or otherwise incorrect, adjust the Exchange 3D L/R setting.
4. Press 3D again to close the 3D Setup Menu.

9. 3D VIDEO PLAYBACK

ⓘ **NOTE:**

- If you have eyesight conditions like short-sightedness and astigmatism, please put on your corrective lenses before using the 3D glasses.
- Maintain a distance of at least 2 times the screen width or 3 times the screen height.
- Maintain a position where your eyes are on the same level as the TV screen and looking straight at the screen.

9.2 3D Glasses

Charging the Glasses

The 3D glasses' built-in Li-ion battery is low on power when the lens starts flickering continuously. Use the provided micro USB cable and connect the 3D glasses to a USB power source (eg. computer/TV/5V power adapter). After charging is complete (estimation: 2 hours), the indicator LED light will turn off.

A fully powered pair of glasses can be used for up to 100 hours. Prolong the life of your rechargeable battery by storing it in cool places.

ⓘ **NOTE:**

- Before use, please fully charge the battery in the glasses. The battery is fully charged when the indicator LED turns off while connected to the charger.
- Clean the fragile lens with a soft clean cloth only. Do not spray cleaning liquid directly on the glasses in case of fire or electric shock hazards. Do not use chemical agents containing alcohol, solvent, paraffin, benzene, lubricant, or mosquito repellent.

⚠ **CAUTION**

- Avoid leaving the glasses in extreme conditions, such as extreme heat (including in a closed vehicle in the sun), cold, humidity, fire or under the sun. The Li-ion battery may cause damage or fire if overheated.

Power On

Press the Power Button on the glasses to power up the glasses. The lens will flicker.

Signal Synchronisation

Once the glasses are turned on, it will attempt to synchronise with the TV. Make sure that the TV is also in 3D mode or in "2D to 3D" upscaling mode. If the glasses do not receive 3D signals from the TV within 30 seconds, it will enter Standby mode. After 5 minutes, the glasses will try to synchronise again - if it does not receive any 3D signals this time, it will power off.

Switch Left-right Eye

While watching 3D TV, if the 3D picture seems reversed or if you feel eye discomfort, press the Power Button again to switch left-right 3D transmissions.

Standby Mode

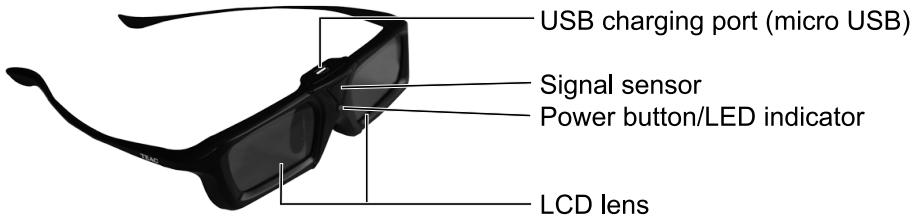
When the synchronisation fails or is lost, the 3D glasses will enter Standby mode automatically.

Automatic Power Off

When the synchronisation is lost for more than 5 minutes, the 3D lens will flicker and the glasses will power off automatically.
When the input mode or channel is changed on the TV, the video signal may change from 3D to 2D. When this happens, the glasses will power off automatically.

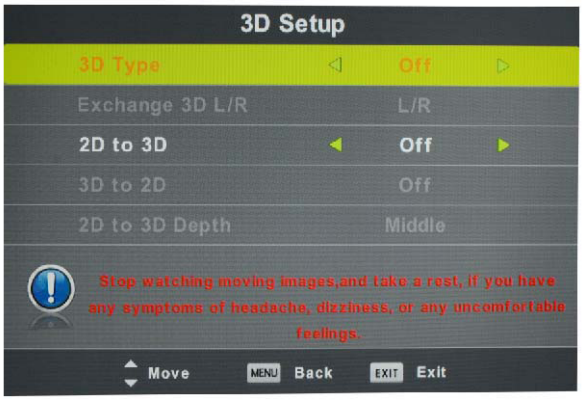
9. 3D VIDEO PLAYBACK

3D Glasses Structure



9.3 3D Settings

Press 3D to display the 3D Setup Menu, and use ◄ ► ▲ ▼ to adjust the options. Some options may be disabled depending on the input mode.



3D Type

Choose a suitable 3D playback mode by matching the format of your 3D video to the available choices:

- Off,
- Side by Side
- Top Bottom
- Frame Packing

With Blu-ray discs, the TV is able to auto-detect and switch to the correct 3D format on its own. This feature depends on the Blu-ray disc content.

Exchange 3D Left/Right

Adjust this setting for the best 3D picture visibility.

2D to 3D

This TV can simulate a 3D effect while playing 2D video or TV channels.

1. Turn it on by pressing 3D or by adjusting the option directly in the 3D Menu.
2. Adjust the 3D Depth, if desired, by selecting the 2D to 3D Depth option and pressing ◄ ► to choose a preferred depth.
3. If you wish to turn off the 2D to 3D function, enter the 3D menu again like before, then select the 2D to 3D option and press ◄ ► to set it to **Off**.

3D to 2D

This TV can downscale 3D video or TV into 2D. Turn this option On or Off as desired when you are watching 3D video.

2D to 3D Depth

Choose layer depths while the 2D to 3D function is turned on, from Middle, High, Low.

10. USB MULTIMEDIA PLAYBACK

USB Usage Precautions

Never turn the unit off or disconnect a USB Storage Device (Flash Drive) when it is being accessed. Doing so could damage the TV and the connected USB storage device.

- Do not use a device that has a maximum current consumption of 100 mA or more.
- Do not use a device that has security functions or other special functions.
- Do not use a device that is divided into two or more partitions.
- A USB hub cannot be used to connect USB devices to this unit.

USB storage devices that can be played on this unit

- Only USB Storage Device (Flash Memory) maximum 16GB can be used. Do NOT use a high-capacity USB hard disk with this unit.
- Some flash memory players that charge from USB terminals cannot be used for playback.
- Hard disk drives, CD/DVD Drives, and other devices connected via USB cannot be used.
- This unit cannot copy or move files.
- Playable formats: FAT16, FAT32
- Depending on the condition of the USB flash drive, this unit might not be able to play the files on it or skipping might occur.
- NTFS, HFS and HFS+ formats are not supported and cannot be used.
- Max. number of playable folders: 200
- Max. number of playable files: 999
- If the USB storage device contains more than 999 files or 200 folders, this unit cannot play it back correctly.
- This unit cannot play files that are larger than 2GB.
- Files with variable bit rates might not play correctly.

File information display

- The display of this unit can only show single-byte letters and numbers.
- If the file information contains Japanese, Chinese or other double-byte characters, playback is possible but the name will not be shown correctly.

10. USB MULTIMEDIA PLAYBACK

This TV can play movie, audio, image and text files from a connected USB device. For information on supported file formats, see the Reference section.

10.1 Connecting the USB Storage Device

Use a USB storage device such as a hard disk drive or flash drive. USB devices such as mobile phones, MP3 players and cameras are NOT supported.

1. Connect the USB storage device to the USB1 port on the back panel of the TV.
2. If the USB storage device uses its own power supply, make sure it is turned on.
3. When the device is detected, it will be listed in the Multimedia Menu. The TV may take a while to read the data, depending on the device's storage size and content.

ⓘ **NOTE:** For best results, we recommend using a USB storage device with:

- Data storage capacity up to 1.5 TB
- An external power supply
- Maximum USB extension cable length 50cm.

10.2 Playing Multimedia Files

Press DTV/USB or INPUT and switch to the USB input source. When in USB Input Mode, the USB Menu will be shown. Browse and play files using specific menus for different file types.

1. In the USB Menu, press ◄ ► to choose the desired multimedia type: **Photo** for images, **Music** for audio, **Movie** for videos, and **Text** for text files.
2. Use ▲ ▼ in the list to select the device you wish to play from, and press OK. Choose the 'Return' icon to return to the main USB
3. Use ◄ ► ▲ ▼ to navigate to desired files and folders. Press OK on highlighted folders to view folder contents, and choose the 'Up Folder' icon to return to the previous folder level.
4. Press CANCEL ⏯ to start playing the current highlighted file. Normal playback controls such as Pause, Fast Forward and Fast Rewind are available.
5. Press DISPLAY ○ or OK during Photo and Movie file playback to display a control bar for more playback controls.

ⓘ **NOTE:** Depending on the file content, some files may not play even if they are in a supported format.

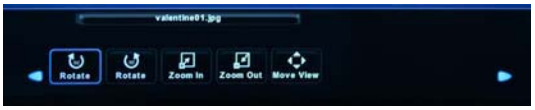
10. USB MULTIMEDIA PLAYBACK

Making a Playlist

1. While browsing files, follow the on-screen hints for button controls. Add a file to a playlist by pressing OK on a highlighted file and checking its checkbox. Repeat this action on other files to add them to the playlist.
2. Remove individual files from the playlist by unmarking the checkboxes with OK.
3. Alternatively, press REC.LIST to select or unselect all files in the folder.
4. Press CANCEL to start playing the highlighted file.

Photo Playback

1. In the USB Menu, choose Photo Playback with ◄ ► and press OK.
2. Add image files to a playlist by following on-screen hints for button controls.
3. Press CANCEL to view in full screen. Press DISPLAY to see the Photo Playback control bar.
4. Press ◄ ► and OK to use the buttons on the bar.



Control	Description
Repeat	Select between Repeat All, Repeat One, Repeat None.
Music	Play/Pause music in the current playlist if any has been selected.
Playlist	Show the current playlist. Use ▲ ▼ and OK to display a specific image. Press SCH.LIST to remove a highlighted file from the list, or REC.LIST to remove all files. Press EXIT to return to the control panel.
Info	Display detailed image information.
Rotate	Rotate current image.
Zoom Out/In	Zoom out/in on current image.
Move View	Move around in a zoomed in image.

10. USB MULTIMEDIA PLAYBACK

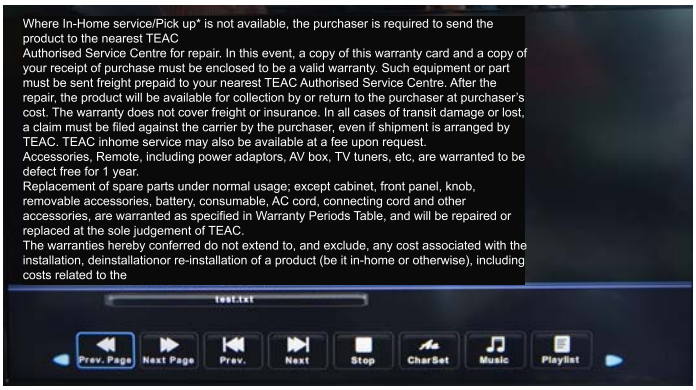
Music Playback

1. In the USB Menu, choose Music Playback with ◄ ► and press OK.
2. Add music files to a playlist by following on-screen hints for button controls.
3. Press CANCEL ⏯ to start playback. Press ◄ ► and OK to use the Music Playback control bar.

Control	Description
Repeat	Select between Repeat All, Repeat One, Repeat None.
Goto Time	Jump to a specific time in the track by keying in the format HH:MM:SS
Playlist	Press ▲ to navigate into the current playlist. Use ▲ ▼ and OK to choose a specific image. Press SCH.LIST to remove a highlighted file from the list, or REC.LIST to remove all files. Press EXIT to return to the control panel.
Screen Mute	Press SCREEN to turn off the screen while continuing to play music.

Text Display

1. In the USB Menu, choose Text Playback with ◄ ► and press OK.
2. Add text files (.txt) to a playlist by following on-screen hints for button controls.
3. Press CANCEL ⏯ to display text files in full screen. Press ◄ ► and OK to use the Text Playback control bar.

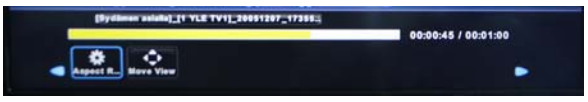

Where In-Home service/Pick up* is not available, the purchaser is required to send the product to the nearest TEAC
Authorised Service Centre for repair. In this event, a copy of this warranty card and a copy of your receipt of purchase must be enclosed to be a valid warranty. Such equipment or part must be sent freight prepaid to your nearest TEAC Authorised Service Centre. After the repair, the product will be available for collection by or return to the purchaser at purchaser's cost. The warranty does not cover freight or insurance. In all cases of transit damage or lost, a claim must be filed against the carrier by the purchaser, even if shipment is arranged by TEAC. TEAC inhome service may also be available at a fee upon request.
Accessories, Remote, including power adaptors, AV box, TV tuners, etc, are warranted to be defect free for 1 year.
Replacement of spare parts under normal usage; except cabinet, front panel, knob, removable accessories, battery, consumable, AC cord, connecting cord and other accessories, are warranted as specified in Warranty Periods Table, and will be repaired or replaced at the sole judgement of TEAC.
The warranties hereby conferred do not extend to, and exclude, any cost associated with the installation, deinstallationor re-installation of a product (be it in-home or otherwise), including costs related to the
test.txt
Prev. Page
Next Page
Prev.
Next
Stop
CharSet
Music
Playlist

Control	Description
◄◄ ►►	Previous/next Page.
⏮ ⏭	Previous/next text document.
■	Stop viewing the text document.
Char Set	Select a character library suited to the subtitles for the current movie.

10. USB MULTIMEDIA PLAYBACK

Movie Playback

1. In the USB Menu, choose Movie Playback with ◄ ► and press OK.
2. Add movie files to a playlist by following on-screen hints for button controls.
3. Press CANCEL ⏯ to start playback. Press DISPLAY ○ to see the Movie Playback control bar.
4. Press ◄ ► and OK to use the buttons on the bar.



ⓘ NOTE:

- If playback is stopped, the track position is remembered and playback will resume from there.

Control	Description
Char Set	Select a character library suited to the subtitles for the current movie.
Repeat	Select between Repeat All, Repeat One, Repeat None.
A-B	Press once to set Point A, and again to set Point B for looping playback. Press again to resume normal playback.
Playlist	Press ▲ to navigate into the current playlist. Use ▲ ▼ and OK to choose a specific image. Press SCH.LIST to remove a highlighted file from the list, or REC.LIST to remove all files. Press EXIT to return to the control panel.
Info	Display detailed video information.
Slow Fwd	Use the on-screen ▮▶ button to toggle slow motion playback at different speeds. To resume normal playback, press CANCEL ⏯ .
Step Fwd	Use the on-screen ▶▮ button to step forward within the track in small time increments.
Goto Time	Key in a specific point to jump to using the HH:MM:SS format.

Musical Photo/Text Slideshow

Play music while viewing images or text.

1. In the USB Menu, choose Music Playback with ◄ ► and press OK.
2. Add music files to a playlist by pressing OK on a highlighted file. For details on adding files to playlists, please see the Making a Playlist section.
3. After the music playlist is done, press EXIT to return to the USB Menu.
4. Choose Photo or Text Playback with ◄ ► and press OK.
5. Add the desired image/text files to a playlist.
6. Press CANCEL ⏯ to start displaying the images/text.
7. Press DISPLAY ○ to display the on-screen control bar.
8. Start simultaneous music playback by choosing the Music button in the control bar.

11. REFERENCE

11.1 Troubleshooting

Please do not use functions not mentioned in this user manual. If a problem occurs with your TV, please refer to the table below. If the problem persists, please turn the TV off and consult the TEAC Customer Service Hotline.

Problem	Action
No picture	Is the power plugged in? Connect the power plug securely.
The picture appears too slowly after the power is turned on	Like your computer, the TV runs diagnostic and software checks before it can display broadcast channels. The picture should appear in approximately 15 seconds.
Picture is too bright or too dark.	Adjust picture brightness or contrast settings.
Picture is too large or too small.	Adjust the aspect settings.
Picture shakes.and stripes appear	Keep appliances that emit magnetic radiation away from the TV.
Picture does not move	Press the PAUSE button. Check if playback is on Pause through any connected external equipment.
Has picture but no sound	1. Check if the MUTE function is on. 2. Adjust the volume level. 3. Check the connection of the audio input cables. 4. Check all other input connections.
Remote control does not work	1. Check if the AC power connection is switched on. 2. Check that the battery installation is correct. 3. Remove any obstacles between the TV and the remote control. 4. If the batteries are flat, replace them with new ones.
Distorted picture	Video compression may cause distortion especially in scenes with fast action. Weak reception may cause distortion and is not a TV issue – please have the antenna assessed.
USB device not detected	Check the connection to the USB device. Please ensure that the device is compatible and the multimedia data formats are supported (for details, see the Specifications section).
TV turns off by itself	Check the Timer Sleep and Auto Sleep settings in the TIME Menu.
TV turns on by itself at night	The TV may have been set to scan for new firmware at night. Please check the Auto Software Update setting in the OPTION Menu.
Disc cannot be played	Ensure that you are in Blu-ray Mode when loading and playing discs. Check that the discs are loaded correctly. Ensure that the disc type, content and region code (if applicable for BDs and DVDs) is compatible. Ensure that the disc is clean and in good condition.
Cannot access BD Live feature	Ensure that the network connection is set up correctly and working. For connection issues consult your local IT technician. Ensure that there is enough data space in your connected USB storage device if you wish to download content from BD Live. Check that the BD disc supports the BD Live feature.

11. REFERENCE

11.2 Specifications

LED Panel	Panel Size	58”
Max. Resolution		1920x1080
Input Connector	VIDEO	1
	YPbPr	1
	AUDIO (L/R)	1
	VGA	1
	PC/AUDIO	1
	HDMI	3（The HDMI support 1.3, the HDCP support 1.1)
	RF	1
Output Connector	HEADPHONE	1
	COAX	1
Power Source		100-240V ～ 50/60Hz
Power Consumption		180W
Standby Power Consumption		<0.5W
TV receive system		PAL BG/DK/I SECAM BG/DK
Frequency range		48.25 - 863.25 MHz
Speaker output power		2×8W
Antenna impedance		75 ohm
Supported file system		DVR Recording: FAT32 USB Multimedia Playback: FAT32 and NTFS Maximum hard disk partition size: 400GB
Recommended USB standard		USB2.0
Supported Multimedia Player formats		See the table on next page
PC Input supported resolution		WUXGA (Maximum supported resolution: 1920x1080 @ 60Hz)
Dimensions (With stand) (Without stand)		1297x349x849 mm 1297x48x751 mm
Weight		27.5kg
Wall mounting dimensions		400x400mm
Wall mounting screw size		M5X8mm
Operating temperature range		0~40℃

- Specifications are subject to change without notice.
  Weight and dimensions are approximate.

11. REFERENCE

Supported File Formats (USB Mode using USB 1)

MOVIE (AVI)	Max bitrate: 6Mbps Max resolution: 1920x1080pixels
PICTURE	Mono colour, 16-colour, 256-colour, 16-bit, 24-bit, 32-bit. Max resolution: 3000 x 3000 pixels; Min resolution: 100 x 100 pixels
MUSIC	Sample rate: 8K – 48K Bitrate: 32K – 320K

Special Notes:

- The Media Unit can only support USB memory devices such as hard disk drives and flash drives, and will not support multimedia devices such as mobile phones and cameras for recording purposes.
- The unit will only support hard disk drives with additional power supply, a maximum disk partition size of 400GB and a maximum capacity of 1.5TB. For best performance, we highly recommend that a hard disk drive with an external power supply be used for larger capacities.
- The maximum number of files that each folder can use is 5000 files.
- When using external USB, it is suggested that high quality of USB extension cables (supported 480mHz) be used to ensure smooth video file playback.
- The TV unit can only support audio formats of single and binary channels.

3D Shutter Glasses Specification

	Lithium battery type(rechargeable)
Lens type	LCD lens
Field frequency	100-120Hz
Signal frequency	2.4G
Signal receiving distance	More than 6M (19.68 foot)
Transport mode	RF
Channel condition	8
Weight	30 +/- 2g
Battery	3.7V, 90mAh Lithium battery
Working current	0.9mA
Standby current	Less than 2.0uA
Working time	About 100 hours
Working temperature	0℃ – 40℃
Storage temperature	-20℃ – 60℃

TEAC®

TEAC CUSTOMER SUPPORT HOTLINE (TCS)

1300 553 315

Between Monday to Friday – AEST 8:30AM to 6PM